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NOTICE OF ALLOWANCE AND FEE(S) DUE

62249

7500

06/23/2008

EXAMINER
CORDERO GARCIA MARCEI

BENET GROUP LLC C/O INTELLEVATE P.O. BOX 52050 MINNEAPOLIS, MN 55402 CORDERO GARCIA, MARCELA M

ART UNIT PAPER NUMBER

1654

DATE MAILED: 06/23/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.

10/645,304 08/21/2003 Samuel I. Stupp NANO 104 US2 8011

TITLE OF INVENTION: CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS & SELF-ASSEMBLED PEPTIDE NANOFIBER NETWORKS FORMED THEREFROM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$0	\$0	\$720	09/23/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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MINNEAPOLIS	5, MN 55402							(Depositor's name)
								(Signature)
	<u> </u>							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/645,304 ITLE OF INVENTION HEREFROM	08/21/2003 I: CHARGED PEPTIDE	E-AMPHIPHILE SOLUT	Samuel I. Stupp FIONS & SELF-ASSE	EMBI	LED PEPTIDE N		IANO 104 US2 IBER NETWORKS F	8011 ORMED
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$0		\$0		\$720	09/23/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS					
CORDERO GARC	IA, MARCELA M	1654	514-002000					
Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of u or agents OR, alter (2) the name of a s registered attorney 2 registered patent	or printing on the patent front page, list the names of up to 3 registered patent attorneys gents OR, alternatively, the name of a single firm (having as a member a stered attorney or agent) and the names of up to gistered patent attorneys or agents. If no name is d, no name will be printed.				
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62249 75	62249 7590 06/23/2008			INER
BENET GROUP	LLC	CORDERO GARCIA, MARCELA M		
C/O INTELLEVA	ΓΕ	ART UNIT	PAPER NUMBER	
P.O. BOX 52050 MINNEAPOLIS, N	MN 55402		1654 DATE MAILED: 06/23/200	8

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/645,304	STUPP ET AL.	
Notice of Allowability	Examiner	Art Unit	
	MARCELA M. CORDERO GARCIA	1654	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in this a 5) or other appropriate communicat RIGHTS. This application is subjec	application. If not included ion will be mailed in due cour	rse. THIS
1. \square This communication is responsive to <u>5/5/08</u> .			
2. ☑ The allowed claim(s) is/are <u>1-5,7-13,15 and 17-35</u> .			
 3.	we been received. we been received in Application No. ocuments have been received in the "of this communication to file a rep MENT of this application. mitted. Note the attached EXAMINE wes reason(s) why the oath or deck ust be submitted. rson's Patent Drawing Review (PT	is national stage application is national stage application oly complying with the require ER'S AMENDMENT or NOTICE aration is deficient.	ements
Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR	1.84(c)) should be written on the dra	wings in the front (not the bac	k) of
each sheet. Replacement sheet(s) should be labeled as such in 6. DEPOSIT OF and/or INFORMATION about the dep attached Examiner's comment regarding REQUIREMENT	osit of BIOLOGICAL MATERIA	L must be submitted. Note	the
 Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO/SB/08),	Paper No./Mail I 7. 🛛 Examiner's Amer	ary (PTO-413), Date ndment/Comment ment of Reasons for Allowan	ice



Application No.

Art Unit: 1654

DETAILED ACTION

Claims 1-5, 7-13, 15, 17-40 are pending in the application.

This Office Action is in response to the reply received on 27 February 2008.

Claims 1-5, 7-13, 15, 17-40 are pending in the application.

Any rejection from the previous office action, which is not restated here, is withdrawn.

Claims 1-5, 7-13, 15, 17-40 are presented for examination on the merits.

Rejoinder

Claims 1-5, 7-13, 15, 17-20 and 21 directed to an allowable product. Additionally, claims 22-27, drawn to a related product, have been placed in scope and condition for allowance by Examiner's amendment (see below). Pursuant to the procedures set forth in MPEP § 821.04(b), claims 28-35, directed to the process of making or using the allowable product, previously withdrawn from consideration as a result of a restriction requirement, hereby rejoined and fully examined for patentability under 37 CFR 1.104. Claims 36-40, directed to the invention(s) of Group V require all the limitations of an allowable product claim, and have NOT been rejoined since it is drawn to a PRODUCT with different scope.

Because a claimed invention previously withdrawn from consideration under 37 CFR 1.142 has been rejoined, the restriction requirement between groups I-V as set forth in the Office action mailed on 20 July 2005 is hereby withdrawn. In view of the withdrawal of the restriction requirement as to the

rejoined inventions, applicant(s) are advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a claim that is allowable in the present application, such claim may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application. Once the restriction requirement is withdrawn, the provisions of 35 U.S.C. 121 are no longer applicable. See *In re Ziegler*, 443 F.2d 1211, 1215, 170 USPQ 129, 131-32 (CCPA 1971). See also MPEP § 804.01.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Maria Maebius on 17 June 2008.

The application has been amended as follows:

IN THE CLAIMS:

In claim 22, at line 1, the phrase "composition:" has been deleted and replaced by the phrase –composition comprising—

In claim 22, at line 2, the phrase "peptide amphiphiles," has been deleted and replaced by the phrase --peptide amphiphiles of claim 1,--.

In claim 28, at line 1, the phrase "treating a patient" has been deleted and replaced by the phrase --stimulating mineralization in a patient--.

Art Unit: 1654

In claim 28, at line 3, the phrase "peptide amphiphile composition" has been deleted and replaced by the phrase --peptide amphiphile composition of claim 1--.

Conclusion

Claims 1-5, 7-13, 15, 17-35 are allowed. Claims 36-40 are withdrawn.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARCELA M. CORDERO GARCIA whose telephone number is (571)272-2939. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cecilia J. Tsang can be reached on (571) 272-0562. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/645,304

Art Unit: 1654

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Cecilia Tsang/ Supervisory Patent Examiner, Art Unit 1654 /Marcela M Cordero Garcia/ Primary Examiner, Art Unit 1654

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